

**Kindergarten to College Workgroup Meeting**  
**April 1, 2008 1:00 pm – 3:30 pm**  
Room 472, State Capitol  
**DRAFT Minutes**

<b>Agenda</b>	<b>Notes</b>	<b>Action Item</b>
1:00 pm Roll Call	<p>Attendance:</p> <p>Erin Williams, Chair, <i>Parent Representative</i>  Janine Pease, Vice Chair, <i>Board of Regents</i>  Steve Meloy, <i>Board of Public Education</i>  Linda McCulloch, <i>Superintendent of Public Instruction</i>  Sheila Stearns, <i>Commissioner of Higher Education</i>  Kelly Chapman, <i>Student Assistance Foundation</i>  Kim Schwabe, <i>Montana School for the Deaf and Blind</i>  Vicki Turner, <i>DPHHS</i>  Adam DeYong, <i>Department of Labor &amp; Industry</i>  Gail Gallik, <i>Department of Commerce</i>  Evan Barrett, <i>Office of Economic Development</i>  Amy Carlson, <i>Governor's Budget Office</i>  Dick Clark, <i>Chief Information Officer</i>  Jan Lombardi, <i>Governor's Education Policy Advisor</i></p> <p>Excused:</p> <p>Jonathan Windy Boy, <i>Governor's Representative</i>  Rachel Grosvold, <i>Student Representative</i></p> <p>Public Participants:</p> <p>Jeff Crews, <i>University of Montana</i>  Bobbie Evans, <i>University of Montana</i>  Carl Hotvedt, <i>Information Technology Services Division</i></p>	

	<p>Dave Gibson, <i>Qwest</i>  Nancy Hall, <i>Office of Budget and Program Planning</i>  Kris Harrison, <i>VisionNet</i>  Nick Schlueter, <i>VisionNet</i>  Bonnie Lorang, <i>MITS</i>  Marco Ferro, <i>MEA-MFT</i>  Brett Maas, <i>Bresnan</i>  Tyler Trevor, <i>OCHE</i>  Drea Brown, <i>Dept. of Labor &amp; Industry, JMG</i>  Terry Beaubois, <i>Montana State University-Bozeman</i>  Paul Reichert, <i>Dept. of Commerce, MHC</i>  Kirby Lambert, <i>Montana Historical Society</i>  Kelly Chapman, <i>Student Assistance Foundation</i>  Jackie Boyle, <i>Office of Public Instruction</i></p>	
1:10 pm Approve January 31, 2008 Meeting Minutes	<ul style="list-style-type: none"> <li>Sheila Stearns made a motion to approve the January meeting minutes; motion was seconded by Dick Clark</li> </ul>	<ul style="list-style-type: none"> <li>Approve January 31 meeting minutes</li> </ul>
1:15 pm Opening Remarks <i>Chairperson Erin Williams</i>	<ul style="list-style-type: none"> <li>Erin reminded the group of the Governor's vision of education for life</li> <li>There is good progress being made on the Governor's Homework Assignments and the purpose of today's meeting is to integrate technology into the conversation</li> <li>The Board of Education heard from Microsoft in January and was invited to a meeting with Apple representatives several weeks later. Barbara Ross offered to come back and facilitate a conversation on 21<sup>st</sup> Century Learning with technology at a Kindergarten to College Workgroup meeting.</li> <li>Reminder to all that group is not here to promote a particular product or program</li> <li>The meeting process will involve the workgroup breaking up into small discussion groups and the</li> </ul>	

	<p>public is invited to join groups in the discussion</p> <ul style="list-style-type: none"> <li>Barbara Ross, a manager in Apple's Education Group, serves as a technology industry expert on the California P-16 Council, the California Career Technical Advisory Resource Group, and the Technology Information Center for Administrative Leadership. She holds Masters degrees in Information Science from University of California, Berkeley and in English from California State University, Sacramento. She has been a university instructor and a state program director specializing in the use of technology to enhance teaching and learning. She was instrumental in establishing the first online Master's in Education Technology in the California State University system and has taught online for Pepperdine University.</li> </ul>	
<p>1:45 pm Looking Beyond Montana's borders  <i>"Did You Know?"</i>  <i>video discussion</i></p>	<ul style="list-style-type: none"> <li>Barbara first showed the group a video, entitled <a href="#">Did You Know?</a>, which was originally created for a school district in Colorado to start a conversation about technology in education</li> <li>She invited the Workgroup to offer their impressions after viewing the video</li> <li>Steve Meloy said that such programs that put a laptop in every child's hands give him the impression that the textbook gets left behind and is that a good thing?</li> <li>Janine Pease was struck by the statistic that today's learners will have 10 – 14 jobs by the time they are by their 38<sup>th</sup> birthday and the challenge of preparing a child for that much variability</li> <li>Evan Barrett referenced high-skilled worker visas that if the U.S. cannot supply skilled workers that companies will bring them in. He was also struck by the small portion of United States Graduates</li> </ul>	

	<p>compared to those coming out of India or China.</p> <ul style="list-style-type: none"> <li>• Sheila Stearns said that shift happens disproportionately. There may be children in South Africa with laptops in their hands but there are still children in the U.S. without that level of access or connectivity. While our state may have concerns about laptops replacing textbooks, personally, she wouldn't want her granddaughter in a classroom where shift isn't happening.</li> <li>• Linda McCulloch commented that OPI is in the process of revising the state content standards for technology and library skills. She commented that children consider technology as integrated into their lives while our discussions see it as something separate.</li> <li>• Barbara wrapped up the discussion adding that the challenge for policy makers is to figure out what the state can do to avoid limiting or codifying the transition so that schools can do all they want to do integrating technology into the classroom.</li> <li>• Barbara walked the group through a PowerPoint that pulled out the main themes of the video:             <ol style="list-style-type: none"> <li>1) Global Competition</li> <li>2) Workplace Innovation</li> <li>3) Ubiquitous Information</li> <li>4) Student Experience</li> <li>5) Global Interdependence</li> </ol> </li> <li>• Workforce trends: during the industrial era, it was only necessary to educate about 20% of the workforce for management positions. Today, many of the jobs requiring routine labor have moved overseas and the creative-work category dominates America's workforce needs</li> <li>• We now need employees who can work from</li> </ul>	
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	<p>different locations at different times and commit to getting the job done.</p> <ul style="list-style-type: none"> <li>Two organizations have researched and identified a new set of basic skills that workers need for the 21<sup>st</sup> century: The Partnership for 21<sup>st</sup> Century Skills and the International Society for Technology in Education</li> </ul>	
<p>2:15 pm What is happening in Montana? Where do we need to go? <i>Small group discussion and Montana updates</i></p>	<ul style="list-style-type: none"> <li>The Workgroup divided into groups of 3 (one K-12 group, one higher education group, one business/workforce group) to answer three questions: <ol style="list-style-type: none"> <li>1) What is Montana already doing to create a 21<sup>st</sup> century learning environment?</li> <li>2) How would a statewide technology network enhance the development of a 21<sup>st</sup> century learning environment?</li> <li>3) What needs to happen to create a technology network for education?</li> </ol> </li> </ul>	

<p>3:00 pm Group discussions and recommendations</p>	<ul style="list-style-type: none"> <li>• The facilitator from each group reported back to the workgroup on their discussions and the workgroup identified several common themes: <ul style="list-style-type: none"> <li>➤ Need for a statewide vision or roadmap regarding technology and how it can help build 21<sup>st</sup> century learning environments</li> <li>➤ Flexibility and risk-taking are necessary</li> <li>➤ Private-Public partnerships</li> <li>➤ Equity</li> </ul> </li> <li>• Evan recognized the need to get something down on paper-which forces action</li> <li>• Barbara volunteered to take some of the common themes written down in each group's discussion notes and connect them back to research</li> <li>• Janine offered the idea of connecting this work to the document comparing the strategic plans of each education agency.</li> </ul>	<ul style="list-style-type: none"> <li>• Next steps: develop a paper document that will guide Montana in providing 21<sup>st</sup> Century Skills to its citizens, integrating a technology framework. Dick Clark will take the lead on next steps on the technology framework.</li> </ul>
<p>3:30 pm</p>	<ul style="list-style-type: none"> <li>• Janine Pease, Vice Chairperson, formally adjourned the meeting</li> </ul>	<ul style="list-style-type: none"> <li>• The next meeting will be held in July 2008</li> </ul>

\* All meeting handouts are available online at: <http://governor.mt.gov/boed/>